

Fig. 16

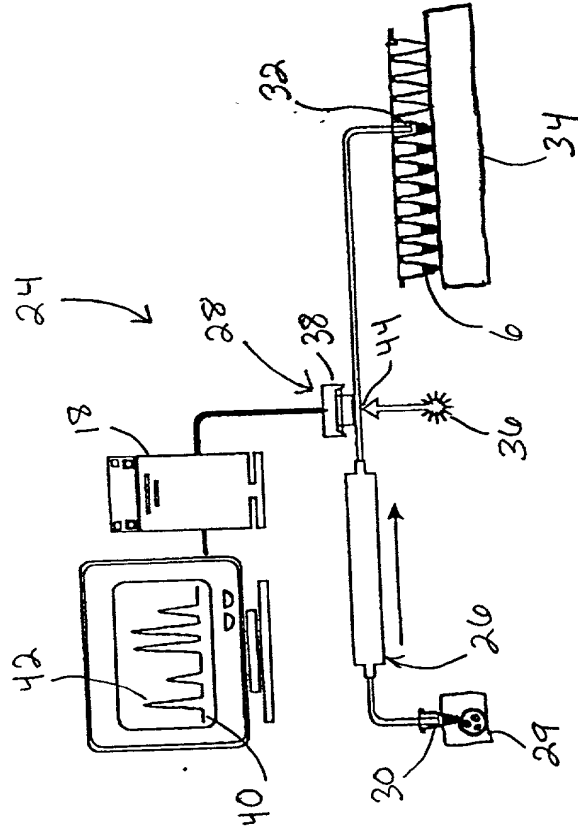


Fig. 1a

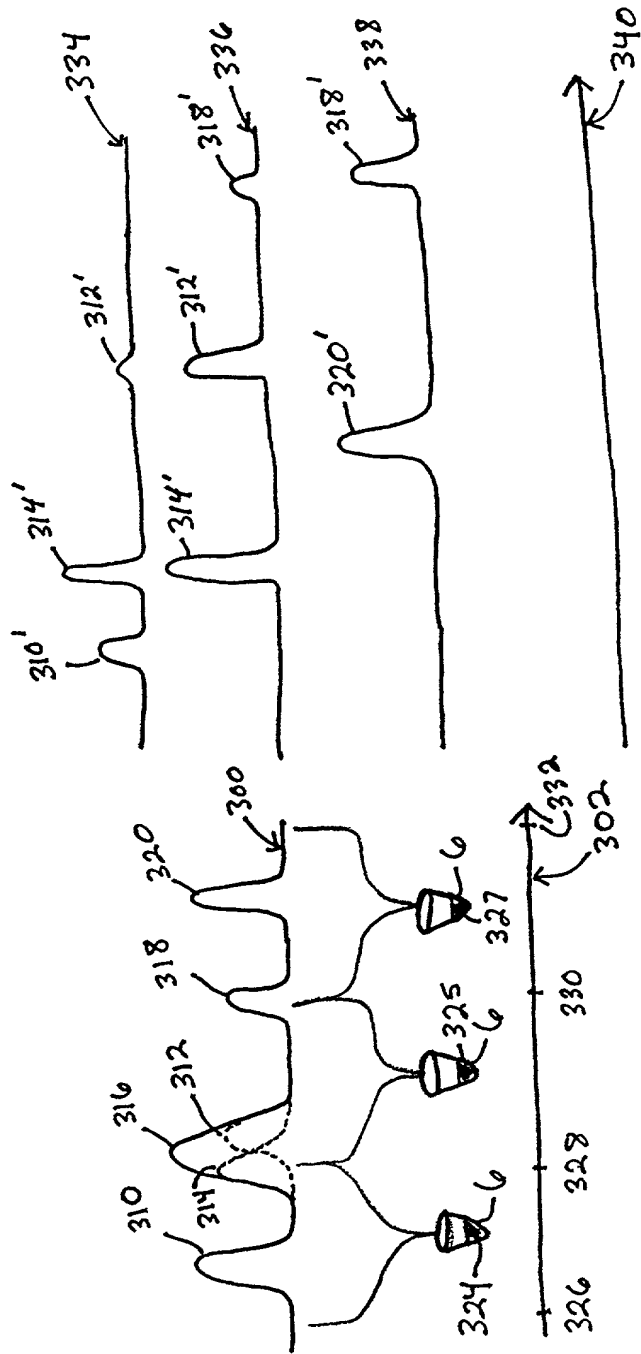
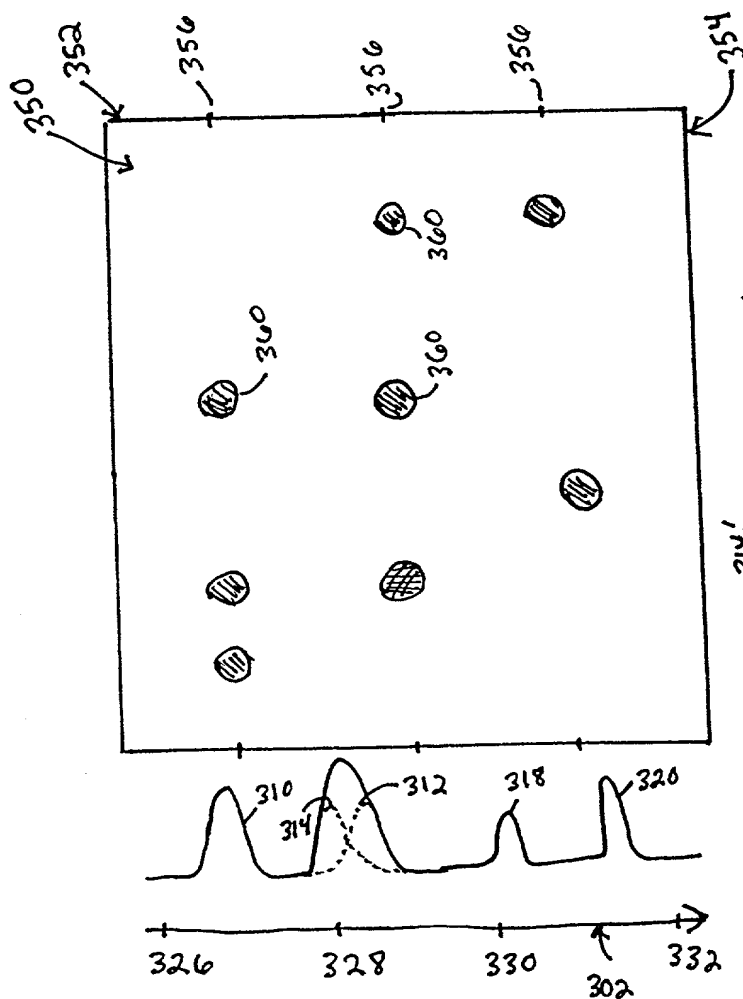
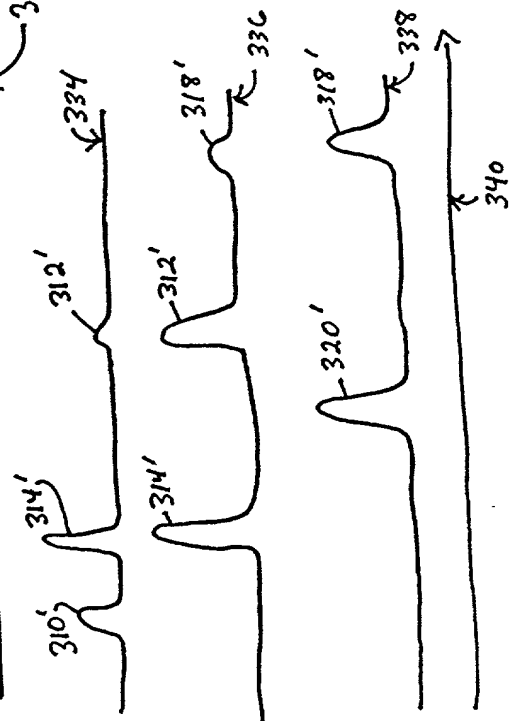


Fig. 2



First Separation



Second Separation

Fig. 3

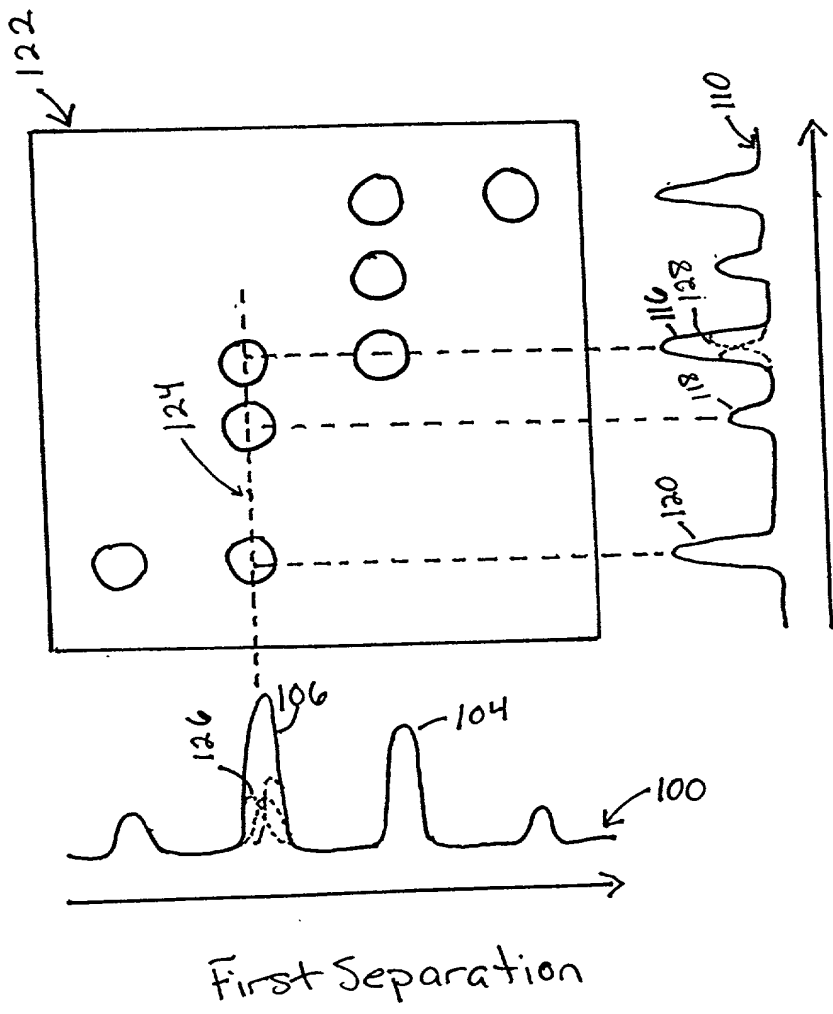


Fig. 4

Second Separation

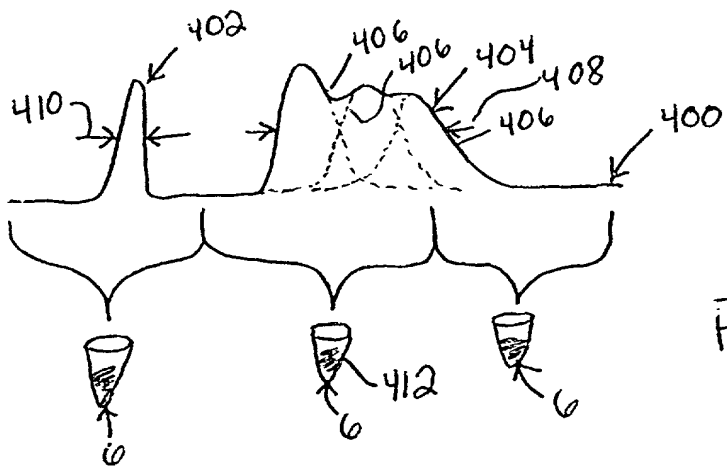


Fig. 5a

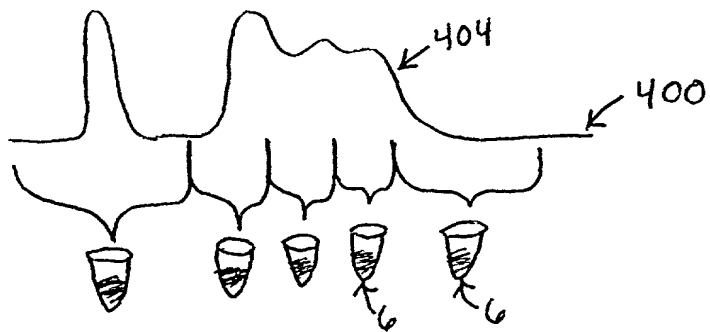


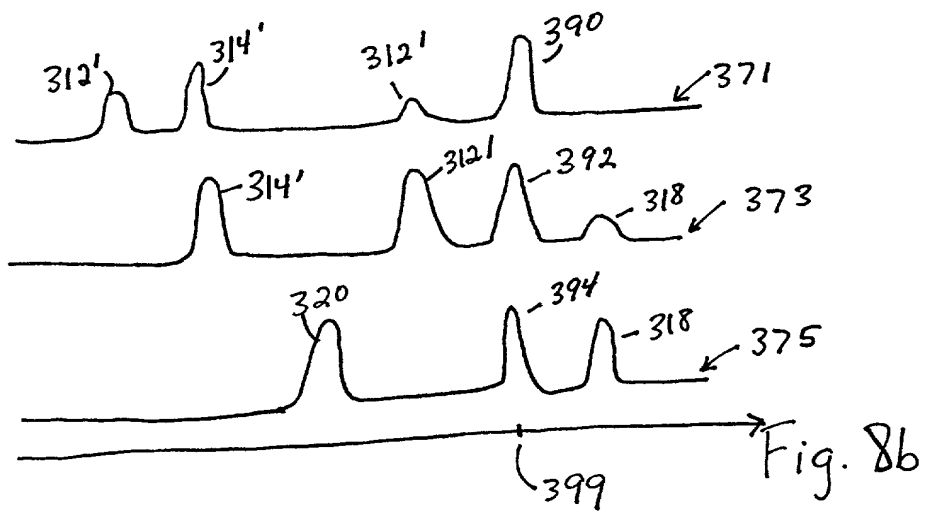
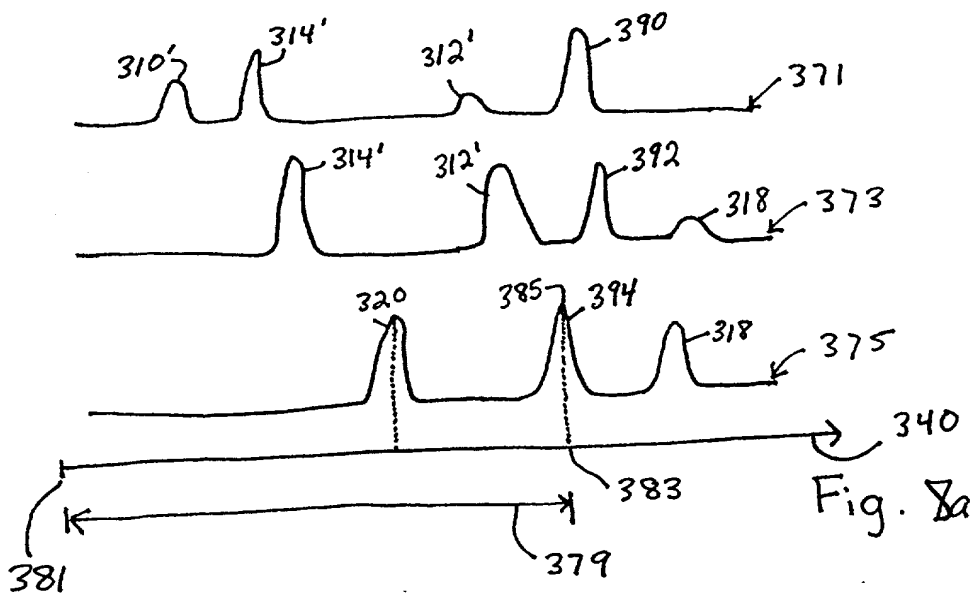
Fig. 5b

```

graph TD
    Start([Start]) --> 950[950 Detect Peak]
    950 --> 952[Compare Peak to Threshold 952]
    952 --> 954{Does Peak Parameter Exceed Threshold? 954}
    954 -- Yes --> 958[Increase Fraction Collection Rate 958]
    958 --> 950
    954 -- No --> 956[Maintain Fraction Collection Rate 956]
    956 --> 950

```

Fig. 6



09374331 050501

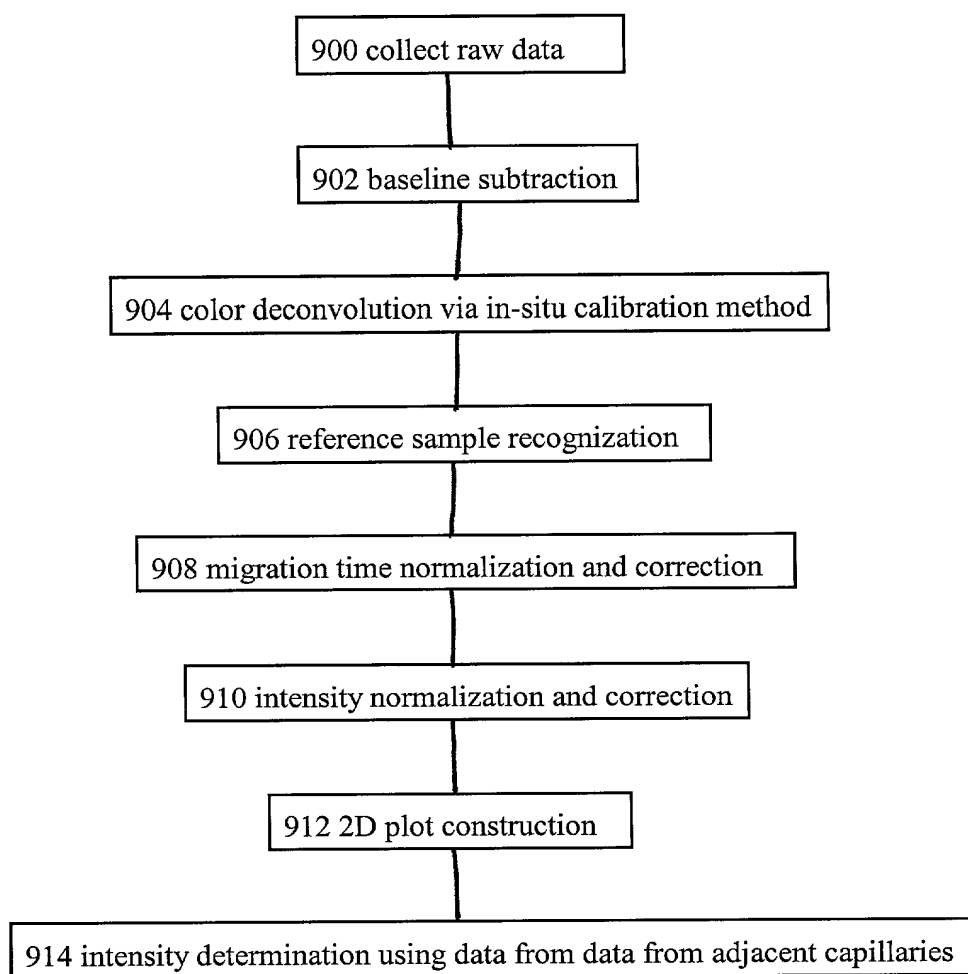


Fig. 9

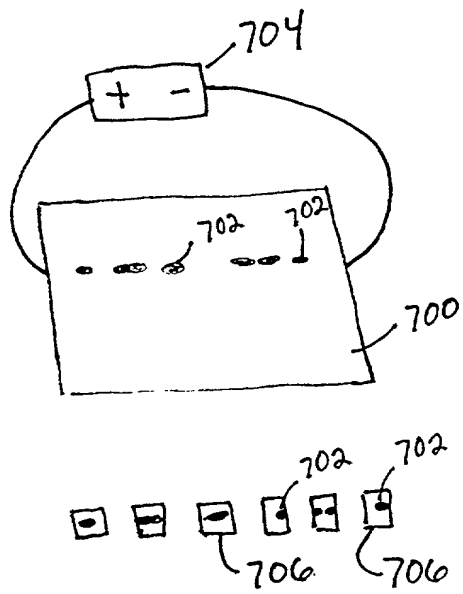


Fig. 10

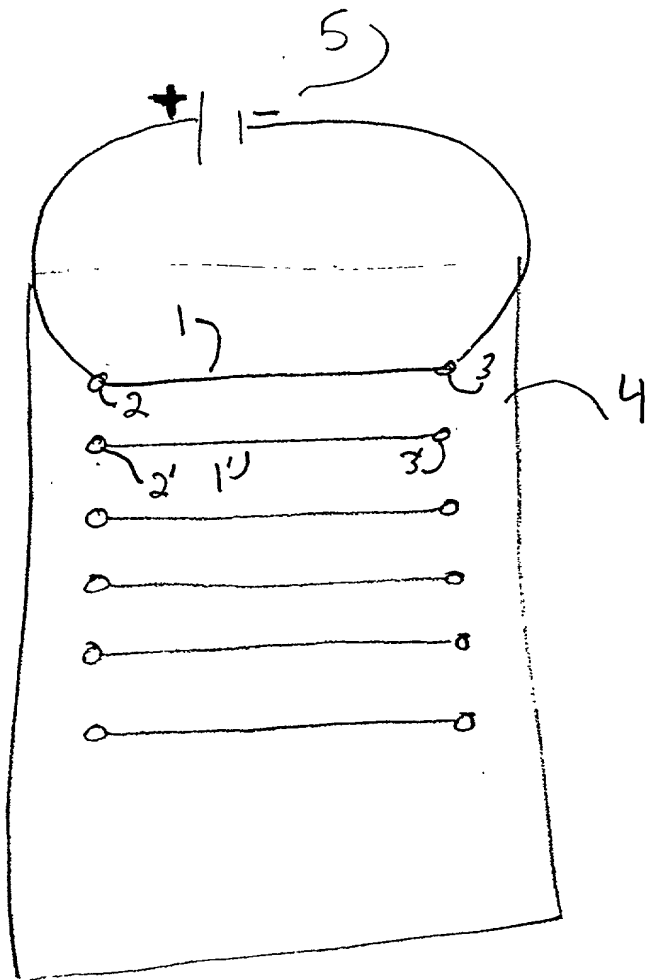


Fig. 11

FIG. 12

0-1000 □ 1000-2000 □ 2000-3000 □ 3000-4000 □ 4000-5000 □ 5000-6000 □ 6000-7000 □ 7000-8000

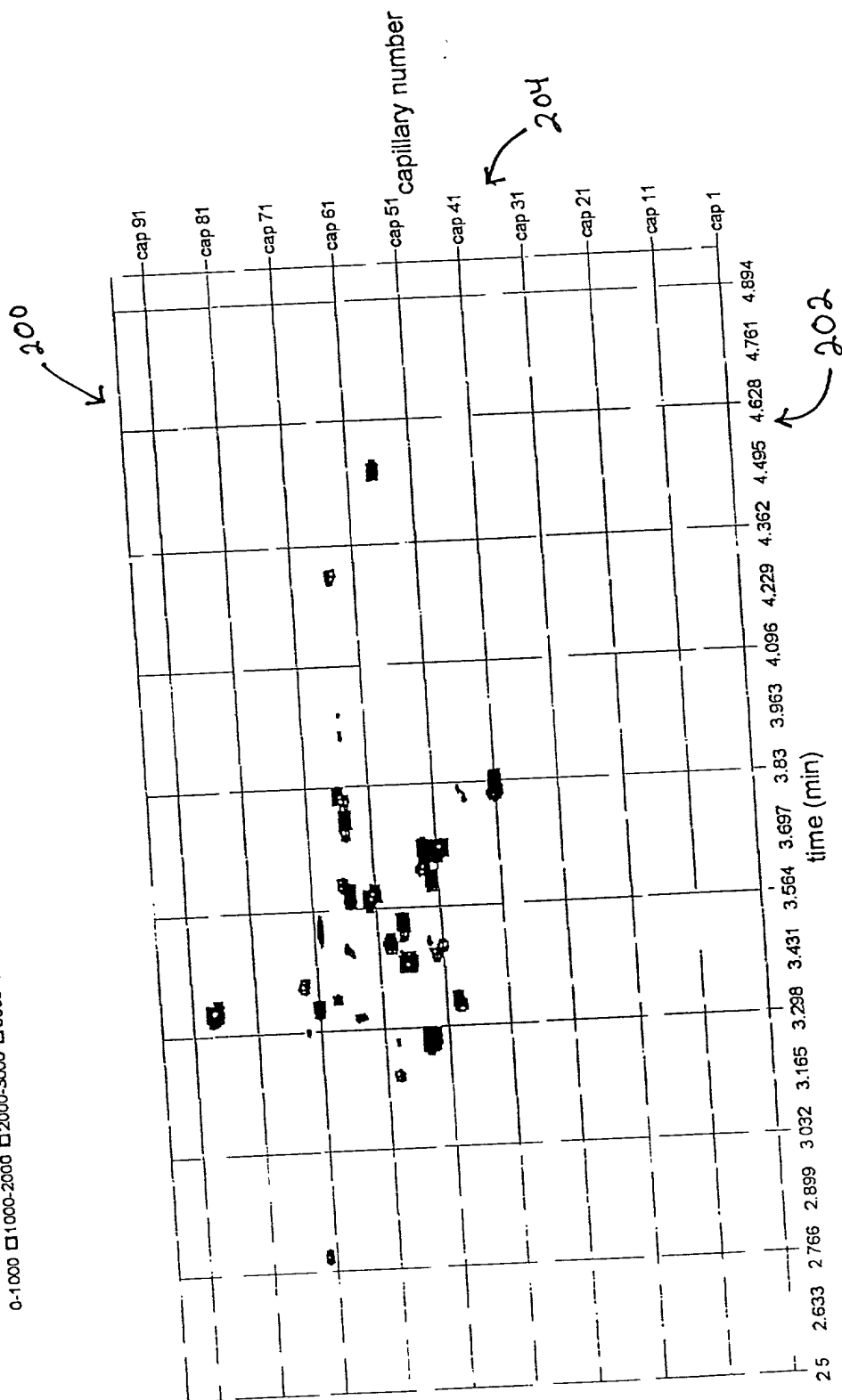


Fig. 12

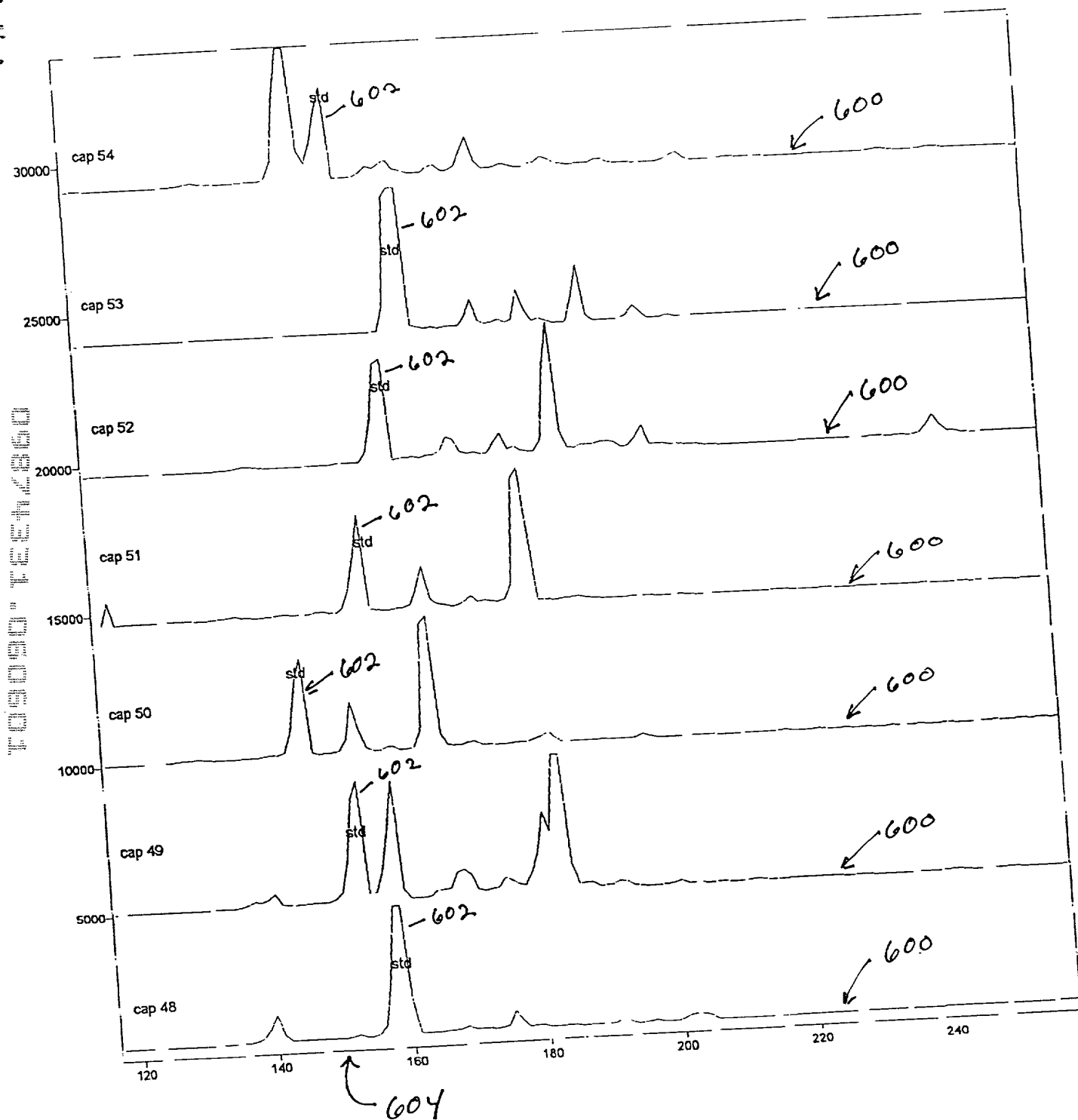


Fig. 13

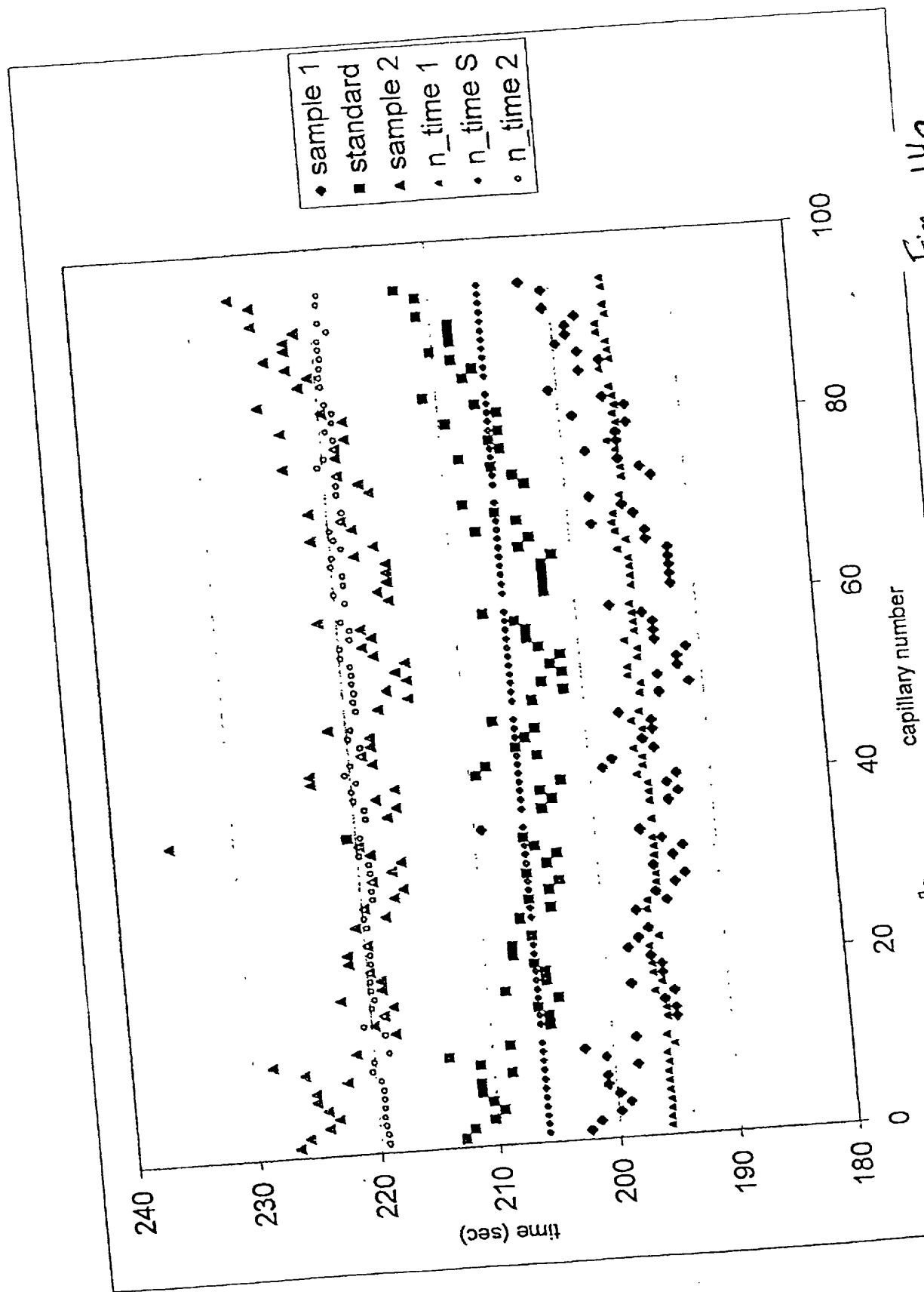


Fig. 149

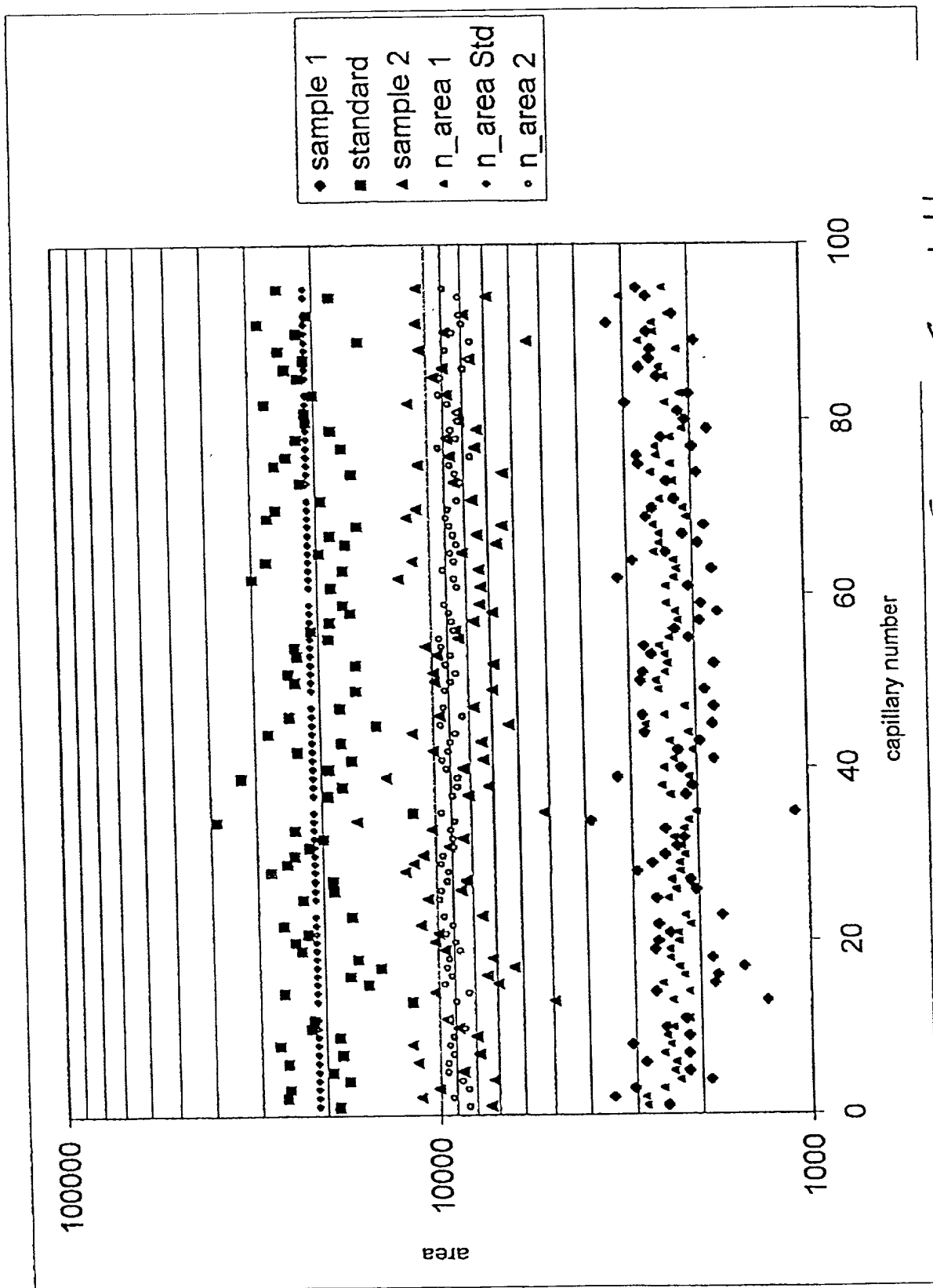


Fig. 14b

Linearity measurements of two dyes of different concentration ratio

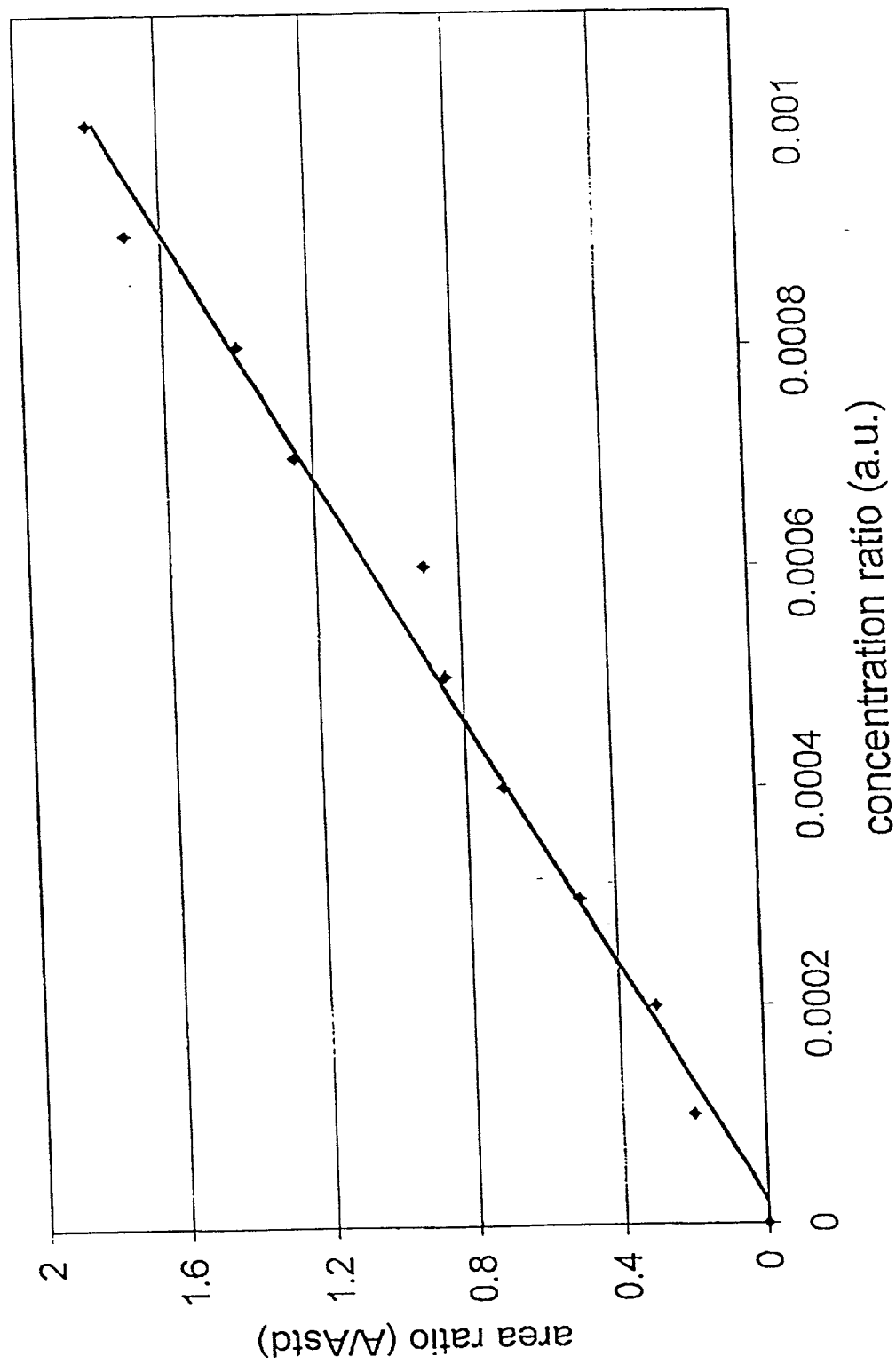


Fig. 15